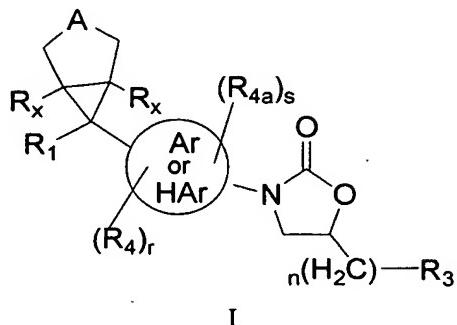


WHAT IS CLAIMED IS:

1. The present invention relates to compounds of formula I:

5



its enantiomer, diastereomer, or pharmaceutically acceptable salt, hydrate or prodrug thereof  
10 wherein:

R<sub>1</sub> represents

- vi) hydrogen,
  - vii) NR<sub>5</sub>R<sub>6</sub>,
  - 15 viii) CR<sub>7</sub>R<sub>8</sub>R<sub>9</sub>, C(R)<sub>2</sub>OR<sub>14</sub>, CH<sub>2</sub>NHR<sub>14</sub>,
  - ix) C(=O)R<sub>13</sub>, C(=NOH)H, C(=NOR<sub>13</sub>)H, C(=NOR<sub>13</sub>)R<sub>13</sub>, C(=NOH)R<sub>13</sub>, C(=O)N(R<sub>13</sub>)<sub>2</sub>,  
C(=NOH)N(R<sub>13</sub>)<sub>2</sub>, NHC(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, (C=NH)R<sub>7</sub>, N(R<sub>13</sub>)C(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, COOR<sub>13</sub>,  
SO<sub>2</sub>R<sub>14</sub>, N(R<sub>13</sub>)SO<sub>2</sub>R<sub>14</sub>, N(R<sub>13</sub>)COR<sub>14</sub>,
  - x) (C<sub>1-6</sub>alkyl)CN, CN, CH=C(R)<sub>2</sub>, (CH<sub>2</sub>)<sub>p</sub>OH, C(=O)CHR<sub>13</sub>, C(=NR<sub>13</sub>)R<sub>13</sub>,
  - 20 NR<sub>10</sub>C(=X<sub>1</sub>)R<sub>13</sub>; or
- vi) C<sub>5-10</sub> heterocycle optionally substituted with 1-3 groups of R<sub>7</sub>, which may be attached through either a carbon or a heteroatom;

25 A represents NR, O, or S(O)p;

Ar  
or  
HAr

represents aryl or heteroaryl, heterocycle, heterocyclyl or heterocyclic, provided that in the case of a heteroaryl, heterocycle, heterocyclyl or heterocyclic, the cyclopropyl is not attached to a nitrogen atom on the ring;

- 5 R<sub>x</sub> represents hydrogen or C<sub>1-6</sub> alkyl;

R<sub>3</sub> represent

- i) NR<sub>13</sub>(C=X<sub>2</sub>)R<sub>12</sub>,
- ii) NR<sub>13</sub>(C=X<sub>1</sub>)R<sub>12</sub>,
- 10 iii) NR<sub>13</sub>SO<sub>2</sub>R<sub>14</sub>,
- iv) N(R<sub>13</sub>)heteroaryl,
- v) NR<sub>13</sub>(CHR<sub>13</sub>)<sub>0-4</sub>aryl,
- vi) NR<sub>13</sub>(CHR<sub>13</sub>)<sub>0-4</sub>heteroaryl,
- vii) S(CHR<sub>13</sub>)<sub>0-4</sub>aryl,
- 15 viii) S(CHR<sub>13</sub>)<sub>0-4</sub>heteroaryl,
- ix) O(CHR<sub>13</sub>)<sub>0-4</sub>aryl,
- x) O(CHR<sub>13</sub>)<sub>0-4</sub>heteroaryl,
- xi) NOH(C=X<sub>1</sub>)R<sub>12</sub>,
- xii) -OC=N(OCCOaryl) C<sub>1-6</sub> alkyl
- 20 xiii) -OC=N(OH) C<sub>1-6</sub> alkyl

xiv) C<sub>5-10</sub> heteroaryl which may be attached through either a carbon or a heteroatom; said aryl and heteroaryl optionally substituted with 1-3 groups of R<sub>7</sub>,

R<sub>4</sub>, and R<sub>4a</sub>, independently represent

- 25 v) hydrogen,
  - vi) halogen,
  - vii) C<sub>1-6</sub> alkoxy, or
  - viii) C<sub>1-6</sub> alkyl
- 30 r and s independently are 1-3, with the provision that when (R<sub>4a</sub>)<sub>s</sub> and (R<sub>4</sub>)<sub>r</sub> are attached to an Ar or HAr ring the sum of r and s is less than or equal to 4;

R<sub>5</sub> and R<sub>6</sub> independently represent

- xiii) hydrogen,
- xiv) C<sub>1-6</sub> alkyl optionally substituted with 1-3 groups of halogen, CN, OH, C<sub>1-6</sub> alkoxy, amino, imino, hydroxyamino, alkoxyamino, C<sub>1-6</sub> acyloxy, C<sub>1-6</sub> alkylsulfenyl, C<sub>1-6</sub> alkylsulfinyl, C<sub>1-6</sub> alkylsulfonyl, aminosulfonyl, C<sub>1-6</sub> alkylaminosulfonyl, C<sub>1-6</sub> dialkylaminosulfonyl, 4-morpholinylsulfonyl, phenyl, pyridine, 5-isoxazolyl, ethylenyloxy, or ethynyl, said phenyl and pyridine optionally substituted with 1-3 halogen, CN, OH, CF<sub>3</sub>, C<sub>1-6</sub> alkyl or C<sub>1-6</sub> alkoxy;
- xv) C<sub>1-6</sub> acyl optionally substituted with 1-3 groups of halogen, OH, SH, C<sub>1-6</sub> alkoxy, naphthalenoxy, phenoxy, amino, C<sub>1-6</sub> acylamino, hydroxylamino, alkoxyamino, C<sub>1-6</sub> acyloxy, aralkyloxy, phenyl, pyridine, C<sub>1-6</sub> alkylcarbonyl, C<sub>1-6</sub> alkylamino, C<sub>1-6</sub> dialkylamino, C<sub>1-6</sub> hydroxyacyloxy, C<sub>1-6</sub> alkylsulfenyl, phthalimido, maleimido, succinimido, said phenoxy, phenyl and pyridine optionally substituted with 1-3 groups of halo, OH, CN, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xvi) C<sub>1-6</sub> alkylsulfonyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy, amino, hydroxylamino, alkoxyamino, C<sub>1-6</sub> acyloxy, or phenyl; said phenyl optionally substituted with 1-3 groups of halo, OH, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xvii) arylsulfonyl optionally substituted with 1-3 of halogen, C<sub>1-6</sub> alkoxy, OH or C<sub>1-6</sub> alkyl;
- xviii) C<sub>1-6</sub> alkoxy carbonyl optionally substituted with 1-3 of halogen, OH, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> acyloxy, or phenyl, said phenyl optionally substituted with 1-3 groups of halo, OH, C<sub>1-6</sub> alkoxy, amino, C<sub>1-6</sub> acylamino, CF<sub>3</sub> or C<sub>1-6</sub> alkyl;
- xix) aminocarbonyl, C<sub>1-6</sub> alkylaminocarbonyl or C<sub>1-6</sub> dialkylaminocarbonyl, said alkyl groups optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy or phenyl
- xx) five to six membered heterocycles optionally substituted with 1-3 groups of halogen, OH, CN, amino, C<sub>1-6</sub> acylamino, C<sub>1-6</sub> alkylsulfonylamino, C<sub>1-6</sub> alkoxy carbonylamino, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> acyloxy or C<sub>1-6</sub> alkyl, said alkyl optionally substituted with 1-3 groups of halogen, or C<sub>1-6</sub> alkoxy;
- xi) C<sub>3-6</sub> cycloalkylcarbonyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy or CN;
- xxii) benzoyl optionally substituted with 1-3 groups of halogen, OH, C<sub>1-6</sub> alkoxy, C<sub>1-6</sub> alkyl, CF<sub>3</sub>, C<sub>1-6</sub> alkanoyl, amino or C<sub>1-6</sub> acylamino;
- xxiii) pyrrolylcarbonyl optionally substituted with 1-3 of C<sub>1-6</sub> alkyl;

xxiv) C1-2 acyloxyacetyl where the acyl is optionally substituted with amino, C1-6 alkylamino, C1-6 dialkylamino, 4-morpholino, 4-aminophenyl, 4-(dialkylamino)phenyl, 4-(glycylamino)phenyl; or

5 R5 and R6 taken together with any intervening atoms can form a 3 to 7 membered heterocyclic ring containing carbon atoms and 1-2 heteroatoms independently chosen from O, S, SO, SO<sub>2</sub>, N, or NR<sub>8</sub>;

R7 represent

- 10 iii) hydrogen, halogen, CN, CO<sub>2</sub>R, CON(R)<sub>2</sub>, CHO, CH<sub>2</sub>NHAc, C(=NOR), OH, C1-6 alkoxy, C1-6 alkyl, alkenyl, hydroxy C1-6 alkyl, (CH<sub>2</sub>)<sub>1-3</sub>NHC(O)C1-6 alkyl, (CH<sub>2</sub>)<sub>1-3</sub>N(C1-6 alkyl)<sub>2</sub>
- 15 iv) (CH<sub>2</sub>)<sub>n</sub>amino, (CH<sub>2</sub>)<sub>n</sub>C1-6 alkylamino, C1-6 dialkylamino, hydroxylamino or C1-2 alkoxyamino all of which can be optionally substituted on the nitrogen with C1-6 acyl, C1-6 alkylsulfonyl or C1-6 alkoxy carbonyl, said acyl and alkylsulfonyl optionally substituted with 1-2 of halogen or OH;

R8 and R9 independently represents

- 20 iv) H, CN,  
v) C1-6 alkyl optionally substituted with 1-3 halogen, CN, OH, C1-6 alkoxy, C1-6 acyloxy, or amino,  
vi) phenyl optionally substituted with 1-3 groups of halogen, OH, C1-6 alkoxy; or

25 R7 and R8 taken together can form a 3-7 membered carbon ring optionally interrupted with 1-2 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH, and NR<sub>8</sub>;

X<sub>1</sub> represents O, S or NR<sub>13</sub>, NCN, NCO<sub>2</sub>R<sub>16</sub>, or NSO<sub>2</sub>R<sub>14</sub>

X<sub>2</sub> represents O, S, NH or NSO<sub>2</sub>R<sub>14</sub>;

30 R<sub>10</sub> represents hydrogen, C1-6 alkyl or CO<sub>2</sub>R<sub>15</sub>;

R<sub>12</sub> represents hydrogen, C1-6 alkyl, NH<sub>2</sub>, OR, CHF<sub>2</sub>, CHCl<sub>2</sub>, CR<sub>2</sub>Cl, (CH<sub>2</sub>)<sub>n</sub>SR, (CH<sub>2</sub>)<sub>n</sub>CN, (CH<sub>2</sub>)<sub>n</sub>SO<sub>2</sub>R, (CH<sub>2</sub>)<sub>n</sub>S(O)R, C1-6 alkylamino, C5-10 heteroaryl or C1-6 dialkylamino, where

said alkyl may be substituted with 1-3 groups of halo, CN, OH or C<sub>1</sub>-6 alkoxy, said heteroaryl optionally substituted with 1-3 groups of R<sub>7</sub>;

- Each R<sub>13</sub> represents independently hydrogen, C<sub>1</sub>-6 alkyl, C<sub>6</sub>-10 aryl, NR<sub>5</sub>R<sub>6</sub>, SR<sub>8</sub>, S(O)R<sub>8</sub>, S(O)<sub>2</sub>R<sub>8</sub>, CN, OH, C<sub>1</sub>-6 alkylS(O)R, C<sub>1</sub>-6 alkoxy carbonyl, hydroxycarbonyl, -OCOaryl, C<sub>1</sub>-6 acyl, C<sub>3</sub>-7 membered carbon ring optionally interrupted with 1-4 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH and NR<sub>8</sub> where said C<sub>1</sub>-6 alkyl, aryl or C<sub>1</sub>-6 acyl groups may be independently substituted with 0-3 halogens, hydroxy, N(R)<sub>2</sub>, CO<sub>2</sub>R, C<sub>6</sub>-10 aryl, C<sub>5</sub>-10 heteroaryl, or C<sub>1</sub>-6 alkoxy groups;
- 10 When two R<sub>13</sub> groups are attached to the same atom or two adjacent atoms they may be taken together to form a 3-7 membered carbon ring optionally interrupted with 1-2 heteroatoms chosen from O, S, SO, SO<sub>2</sub>, NH, and NR<sub>8</sub>;

R represents hydrogen or C<sub>1</sub>-6 alkyl;

- 15 R<sub>14</sub> represents amino, C<sub>1</sub>-6 alkyl, C<sub>1</sub>-6 haloalkyl, five to six membered heterocycles or phenyl, said phenyl and heterocycles optionally substituted with 1-3 group of halo, C<sub>1</sub>-6 alkoxy, C<sub>1</sub>-6 acylamino, or C<sub>1</sub>-6 alkyl, hydroxy and/or amino, said amino and hydroxy optionally protected with an amino or hydroxy protecting group;
- 20 R<sub>15</sub> is C<sub>1</sub>-6 alkyl or benzyl said benzyl optionally substituted with 1-3 groups of halo, OH, C<sub>1</sub>-6 alkoxy, amino, C<sub>1</sub>-6 acylamino, or C<sub>1</sub>-6 alkyl;
- R<sub>16</sub> is hydrogen, C<sub>5</sub>-10 heteroaryl, C<sub>6</sub>-10 aryl, said heteroaryl and aryl optionally substituted with 1-3 groups of R<sub>7</sub>;

p represents 0-2 and

m, n, and q represents 0-1.

- 30 2. A compound according to claim 1 wherein R<sub>1</sub> represents H, NR<sub>5</sub>R<sub>6</sub>, CN, OH, C(R)<sub>2</sub>OR<sub>14</sub>, NHC(=X<sub>1</sub>)N(R<sub>13</sub>)<sub>2</sub>, C(=NOH)N(R<sub>13</sub>)<sub>2</sub>, NR<sub>10</sub>C(=X<sub>1</sub>)R<sub>13</sub> or CR<sub>7</sub>R<sub>8</sub>R<sub>9</sub>.

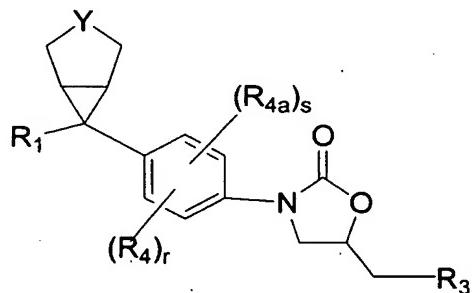
Ar  
or  
HAr

3. A compound according to claim 1 wherein  
is phenyl, pyridine, pyrimidine, or piperidine.

4. A compound according to claim 3 wherein R<sub>1</sub> is NR<sub>5</sub>R<sub>6</sub>, or CN and  
5 R<sub>3</sub> is NR<sub>10</sub>C(=X<sub>1</sub>)R<sub>13</sub>, NR(C=X<sub>1</sub>)R<sub>12</sub>, C<sub>5</sub>-10 heteroaryl, NH(CH<sub>2</sub>)<sub>0-4</sub>aryl, NH(CH<sub>2</sub>)<sub>0-4</sub>heteroaryl, said aryl and heteroaryl optionally substituted with 1-3 groups of Ra.

5. A compound according to claim 3 wherein R<sub>3</sub> is a C<sub>5</sub>-10 heteroaryl  
represented by N which represents an optionally substituted aromatic heterocyclic group  
10 containing 1 to 4 nitrogen atoms and at least one double bond, and which is connected  
through a bond on any nitrogen.

6. A compound according to claim 1 wherein the structural formula is  
II:  
15



Formula II

20 wherein R<sub>1</sub>, R<sub>4</sub>, R<sub>4a</sub>, Y and R<sub>3</sub> are as described above.

7. A compound which is:  
N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyanobicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooazolidin-5-  
25 ylmethyl]acetamide,

- 1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyanobicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]-1,2,3-triazole,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 5 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide ,  
 1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]-1,2,3-triazole,  
 1-[5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]-1,2,3-triazole ,  
 10 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-acetoxyacetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-hydroxyacetyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 15 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-methanesulfonyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-methyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3,6-dicyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-  
 20 oxooxazolidin-5-ylmethyl]acetamide,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-cyanomethyl-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[(isoxazol-3-yl)oxy]methyloxazolidin-2-one,  
 25 5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[(isoxazol-3-yl)oxy]methyloxazolidin-2-one ,  
 5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(3-t-butoxycarbonyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[N-(t-butoxycarbonyl)-N-(isoxazol-3-yl)]aminomethyloxazolidin-2-one,  
 5(R)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-(6-cyano-3-azabicyclo[3.1.0]hexan-6-yl)]phenyl]-5-[N-(isoxazol-3-  
 30 yl)]aminomethyloxazolidin-2-one,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(5-cyanopyridin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,  
 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ )-[6-cyano-3-(pyridin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,

- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[3-acetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(pyrimidin-2-yl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 5 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(4-pyridylmethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(N-cyano-1-iminoethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-methoxycarbonyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 10 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(N-cyano-S-methylthioiminomethyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(N-cyanocarboxamidyl)-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 15 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[3-(N,N'-t-butoxycarbonylcarboxamidyl)-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[3-carboxamidyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[3-(N-t-Butoxycarbonylamino)acetyl-6-cyano-3-
- 20 azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[3-aminoacetyl-6-cyano-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-methanesulfonylacetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 25 N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(dibenzylphosphoryloxy)acetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- N-[5(S)-3-[4-[(1 $\alpha$ ,5 $\alpha$ ,6 $\beta$ ]-[6-cyano-3-(phosphoryloxy)acetyl-3-azabicyclo[3.1.0]hexan-6-yl]]phenyl]-2-oxooxazolidin-5-ylmethyl]acetamide,
- 30 or their enantiomer, diastereomer, or pharmaceutically acceptable salt, hydrate or prodrug thereof wherein.

8. A pharmaceutical composition comprised of a compound in accordance with claim 1 in combination with a pharmaceutically acceptable carrier

and optionally a in combination with a vitamin selected from the group consisting of vitamin B2, vitamin B6, vitamin B12 and folic acid.

9. A method of treating or preventing a bacterial infection in a mammalian patient in need thereof, comprising administering to said patient an effective amount of a compound of claim 1.

10. A method of treating or preventing bacterial infection or an oxazolidinone-associated side effect by administering an effective amount of a compound of formula I of claim 1 and an effective amount of one or more of a 10 vitamin selected from the group consisting of vitamin B2, vitamin B6, vitamin B12 and folic acid to a patient in need thereof.

11. A method according to claim 16 for treating or preventing oxazolidinone-associated normocytic anemia, peripheral sensory neuropathy, sideroblastic anemia, peripheral sensory neuropathy, optic neuropathy, seizures, thrombocytopenia, cheilosis, hypo-regenerative anemia, megaloblastic anemia and seborrheic dermatitis by administering an effective amount of vitamin B2 to a patient in need thereof.